

WO 01/27330

PCT/US00/28158

10 Rev. 2.0 MAR 2002

SEQUENCE LISTING

<110> BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
AHUJA, SUNIL
GONZALES, ENRIQUE
MUMMIDI, SRINIVAS

<120> SCREENING FOR DISEASE SUSCEPTIBILITY BY GENOTYPING THE CCR5 AND CCR2
GENES

<130> 4003.001610

<140> UNKNOWN

<141> 2000-10-12

<150> 60/159,137

<151> 1999-10-12

<160> 72

<170> PatentIn version 3.0

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27

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<223> WHEREIN Y = T OR C

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<211> 31

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<213> SYNTHETIC OLIGONUCLEOTIDE

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34

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<223> WHEREIN R = G OR A

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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcccg tgagcccata 180
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ttaactccac cctccttcaa aagaaacagc atttcctact tttatactgt ctatatgatt 780
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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
tagttaaaac tctttagaca acaggttgtt tccgtttaca gagaacaata atattgggtg 240
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aaaatgtggg cttttgacta gatgaatgta aatgtttctt tagctctgat atcctttatt      540
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<223> WHEREIN R = A OR G

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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca      180
tagttaaaac tctttagaca acagggtggt tccgtttaca gagaacaata atattgggtg      240
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ctttayatttt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat      600
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aagctcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttaatg      720
atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gtctatatga      780
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agactttaca ggaaacccat araagac                                           927

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atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gtctatatga      780
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 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaaac tctttagaca acagggtttt tccgtttaca gagaacaata atattgggyg 240
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 ttgaaaagcc ctgtgatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact 480
 aaaatgtggg cttttgacta gatgaatgta aatgttcttc tagctctgat atcctttatt 540
 ctttatattt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat 600
 ccagtgagaa aagcccgtaa ataaactttc agaccagaga tctattctct agcttatttt 660
 aagctcaact taaaaggaag aactgttctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcattyccca cttttatact gtctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
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 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaaac tctttagaca acagggtttt tccgtttaca gagaacaata atattgggtg 240
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 gggcacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagttg gtttaagttg 360

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gctttaatta atagcaactc ytaagataat cagaattttc ttaacctttt agccttactg 420
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 aaaatgtggg cttttgacta gatgaatgta aatgtttctt tagytctgat atcctttatt 540
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 ccagtgagaa aagcccgtaa ataaactttt agaccagaga tctattctct agcttatttt 660
 aagctcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gtctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
 ctccccggta agtaacctct cagctgcttg gcctgttagt tagcttctga gatgagtaaa 900
 agactttaca ggaaacccat agaagac 927

<210> 70
 <211> 927
 <212> DNA
 <213> SYNTHETIC OLIGONUCLEOTIDE

<220>
 <221> misc_feature
 <222> (177)..(494)
 <223> WHEREIN Y = C OR T

<400> 70
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 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagycca 180
 tagttaaaac tctttagaca acaggttgtt tccgtttaca gagaacaata atattgggtg 240
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 ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagttg gtttaagttg 360
 gctttaatta atagcaactc ttaagataat cagaattttc ttaaccttty agccttactg 420
 ttgaaaagcc ctgygatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact 480
 aaaatgtggg cttytgacta gatgaatgta aatgtttctt tagctctgat atcctttatt 540
 ctttatattt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat 600
 ccagtgagaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatttt 660
 aagctcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gtctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
 ctccccggta agtaacctct cagctgcttg gcctgttagt tagcttctga gatgagtaaa 900

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agactttaca ggaaacccat agaagac

927

<210> 71
 <211> 927
 <212> DNA
 <213> SYNTHETIC OLIGONUCLEOTIDE

<220>
 <221> misc_feature
 <222> (94)..(895)
 <223> WHEREIN R = A OR G

<220>
 <221> misc_feature
 <222> (209)..(880)
 <223> WHEREIN Y = C OR T

<400> 71
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 agtcctcata aatgcttact ggtttgaagg gcarcaaaat agtgaacaga gtgaaaatcc 120
 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaacc tctttagacr acaggttgyt tccgtttaca gagaacaata atattgggtg 240
 gtgagcatct gtgtgggggt tgggggtggga taggggatac ggggagagtg grgaaaaagg 300
 ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagtgt gtttaagtgt 360
 rctttaatta atagcaactc ttaagataat cagaattttc ttaacctttt agccttactg 420
 ttgaaaagcc ctgtgatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact 480
 aaaatgtggg cttttgacta gatgaatgta aatgttcttc tagctctgat atccttttatt 540
 ctttatatct tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat 600
 ccagtggaaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatctt 660
 aagctcaact taaaaagaag aactgytctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gyctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttccctt acaagaaact 840
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 agactttaca ggaaacccat agaagat 927

<210> 72
 <211> 927
 <212> DNA
 <213> SYNTHETIC OLIGONUCLEOTIDE

<220>
 <221> misc_feature

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<222> (718) .. (925)
 <223> WHEREIN R = A OR G

<400> 72
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 agtcctcata aatgcttact ggtttgaagg gcaacaaaat agtgaacaga gtgaaaatcc 120
 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaaac tcttttagaca acaggttggt tccggtttaca gagaacaata atattgggtg 240
 gtgagcatct gtgtgggggt tggggtggga taggggatac ggggagagtg gagaaaaagg 300
 ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagtgt gtttaagtgt 360
 gctttaatta atagcaactc ttaagataat cagaattttc ttaacctttt agccttactg 420
 ttgaaaagcc ctgtgatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact 480
 aaaatgtggg cttttgacta gatgaatgta aatgttcttc tagctctgat atcctttatt 540
 ctttatattt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat 600
 ccagtgagaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatttt 660
 aagetcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttartg 720
 atttaactcc accctccttc aaaagaaaca gcatttctta cttttatact gtctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
 ctccccggta agtaacctct cagctgcttg gcctgttagt tagcttctga ratgagtaaa 900
 agactttaca ggaaacccat agaarak 927